

**BY ORDER OF THE COMMANDER
AIR FORCE MATERIEL COMMAND**



**AIR FORCE MATERIEL COMMAND
PAMPHLET 64-101**

9 NOVEMBER 2000

Contracting

UNSOLICITED PROPOSAL GUIDE

NOTICE: This publication is available digitally on the HQ AFMC WWW site at: <https://www.afmc-mil.wpafb.af.mil/pdl/>.

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(Col Avery P. Sledge)

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This pamphlet provides information for the preparation and submission of unsolicited proposals (UP). This publication is designed to aid in the preparation and submission of UPs pursuant to *Federal Acquisition Regulation* (FAR) (Subpart 15.6), and AFMCFARS 5315.6. This pamphlet applies to any organization or person wishing to submit an UP. It does not apply to the Air National Guard or Air Force Reserve units and members.

The use of a name of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF REVISIONS

Reflects FAR changes (FAR Subpart 15.5 changed to 15.6); updates UP Process Flowchart (attachment 1) and the current Air Force Materiel Command (AFMC) UP focal points, addresses, and mission statements (attachment 2). Please note the revised UP focal point for ASC. ASC and AFRL are now separate agencies, therefore, ASC and AFRL each have a separate UP focal point.

1. Need for UPs.

1.1. AFMC is responsible for the rapid advancement of technology and its adaptation to operational systems. AFMC is organized to provide the most up-to-date and effective management of all Air Force scientific and technical resources.

1.2. AFMC takes an idea from research through development to production and then provides logistics support for fully-operational systems to Air Force operating commands. These systems include, but are not limited to, the bomber and missile systems of the Air Combat Command, the cargo aircraft of the Air Mobility Command, and command and communications systems within the Air Force and throughout the Department of Defense (DoD).

1.3. To create, acquire, and deliver these systems at an acceptable cost in the face of pressing schedules and in a rapidly changing technical environment, takes time, technology, facilities, and professional people. AFMC meshes these resources into a worldwide organization of personnel whose responsibilities span the entire acquisition process.

1.4. UPs are a valuable means for government agencies to obtain innovative or unique methods or approaches to accomplish their mission from sources outside the government. AFMC has found that UPs provide an important tool for accomplishing functions not always served by solicited proposals. AFMC welcomes UPs and appreciates the contribution they make toward ensuring the continuing superiority of the Air Force through technological leadership.

2. Definitions.

2.1. Advertising Material. Refer to FAR Part 15.601—Definitions.

2.2. Commercial Item Offer. Refer to FAR Part 15.601—Definitions.

2.3. Contribution. Refer to FAR Part 15.601—Definitions.

2.4. Technical Correspondence. Written requests for information regarding government interest in research areas, preproposal explorations, technical inquiries, research descriptions, and other written technical inquiries.

2.5. Unsolicited Proposals. Refer to FAR Part 15.601—Definitions.

2.6. Unsolicited Research Proposals (URP). A URP is a UP which attempts to:

2.6.1. Determine and exploit the potential of scientific discoveries or improvements in technology, materials, processes, methods, devices, or techniques; and attempts to advance the state of the art.

2.6.2. Increase scientific knowledge, (i.e., it is directed toward a fuller knowledge or understanding of the subject under study rather than any practical application of that knowledge). The UP and URP evaluation processes do not differ, but there are substantial differences in publishing, justifying, and awarding a UP versus a URP. Favorably evaluated URPs automatically qualify under FAR 6.302-1(a)(i) for other than full and open competition. FAR 15.607(b)(2) makes it clear that nonresearch UPs will not automatically qualify for other than full and open competition and may have to be returned, unless they can be determined to meet other provisions under FAR Subpart 6.3. See attachment 1 for further details.

3. Who May Submit UPs. AFMC encourages any organization or person outside the Air Force to submit UPs.

4. Advance Consultations. AFMC encourages any potential offeror to contact field technical personnel before preparing a detailed UP or submitting proprietary data. Such contacts can answer questions as to the general need for the proposed effort. These contacts should not be construed as any form of negotiation in contemplation of any contractual arrangement for the Air Force by either party. Attachment 2 lists the AFMC organizations, their telephone numbers, and mailing addresses, and a functional statement for each organization. Attachment 1 flowcharts the UP process with FAR (Subpart 15.6) requirements.

5. Proprietary Information.

5.1. A UP received by the Air Force is considered an Air Force record and is subject to the provisions of the Freedom of Information Act (FOIA) for disclosure to the public. It will generally be exempted from disclosure if it concerns or relates to trade secrets, processes, operations, style of work, or apparatus, and contains information that concerns or relates to the identity, confidential statistical data, amount or source of income, profits, losses, or expenditures of a person, firm, partnership, corporation, or association. Government personnel are prohibited from disclosing the submitter's properly marked proprietary information to unauthorized personnel. In fact, they may be subject to criminal penalties for improper disclosures. If the information is not properly marked as proprietary, but it is clear that the submitter either mistakenly omitted or otherwise expects the government to protect it from disclosure, the best practice is to contact the submitter and ask if they consider the information proprietary and desire to have it properly marked. If, at the submitter's request, the proposal is returned or otherwise disposed of, it will no longer be considered an Air Force record under the FOIA.

5.2. UPs may include data that the offeror does not want disclosed for any purpose other than evaluation. If the offeror wishes to restrict the proposal, the title page must be marked with the following legend:

USE AND DISCLOSURE OF DATA

“This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed-in whole or in part-for any purpose other than to evaluate this proposal. However, if a contract is awarded to this offeror as a result of-or in connection with-the submission of these data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in these data if they are obtained from another source without restriction. The data subject to this restriction are contained in Sheets *[insert numbers or other identification of sheets]*.”

5.3. The offeror shall mark each sheet of data that needs to be restricted with the following legend:

“Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.”

6. When and How to Submit Proposals.

6.1. UPs may be submitted at any time. Submit proposals to the cognizant UP focal point listed in attachment 2.

6.2. The ABCs of successful proposals are accuracy, brevity, and clarity. Specifically, each proposal should include the following (FAR 15.605):

6.2.1. Name and address of the organization submitting the proposal.

6.2.2. Type of organization (large business, nonprofit, educational institution, small business, small disadvantaged business, women-owned business).

- 6.2.3. Names and telephone numbers of technical and business personnel to be contacted for evaluation or negotiation purposes.
 - 6.2.4. Identity of proprietary data to be used only for evaluation purposes.
 - 6.2.5. Names of other federal, state, and local agencies receiving the proposal or funding proposed effort.
 - 6.2.6. Date of submission and signature of a person authorized to represent the company submitting.
 - 6.2.7. Concise title and abstract of proposed work and the statement indicating that the submission is a UP.
 - 6.2.8. An outline and discussion for the purpose of the effort or activity, the approach and extent of effort to be used, the nature of the expected results, and how the work will help to support the Agency's mission.
 - 6.2.9. Name and biographical information of involved key personnel and alternates.
 - 6.2.10. Type of support needed from the Agency (e.g., facilities, equipment, materials, or personnel resources).
 - 6.2.11. Brief description of the offeror's facilities, particularly those that would be used in the proposed effort.
 - 6.2.12. Brief outline of previous work by the offeror and experience in the field.
 - 6.2.13. Proposed price or total estimated cost of the effort in sufficient detail to be used for evaluation purposes.
 - 6.2.14. Proposed duration of effort and period of time for which the proposal is valid.
 - 6.2.15. Type of contract preferred.
 - 6.2.16. If applicable, required statements about organizational conflicts of interest, security clearances, and environmental impacts.
 - 6.2.17. The names and telephone numbers of agency technical or other agency points of contact already contacted regarding the proposal.
- 6.3. Include completed AFMC Form 190, **Policy Agreement for Evaluation of Unsolicited Proposals**. AFMC Form 190 is available on the World Wide Web at the following site: <http://www.afmc-pub.wpafb.af.mil/HQ-AFMC/PK/pkp/pkpa/unsolpub.htm>

7. AFMC Form 190 Policy Agreement for Evaluation of UPs. This agreement must be signed by an officer of the company or the person submitting the voluntary proposal prior to evaluation. No request for special exception or change in the policy agreement will be granted. The cognizant AFMC field activity UP focal point receiving the policy agreement will countersign and provide copies to the offeror and HQ AFMC/PKP. This agreement is to be executed only once (in duplicate) at the time of initial proposal submission. All subsequent proposal submissions will be covered by the executed policy agreement.

8. Evaluating Proposals.

8.1. AFMC organizations are responsible for acknowledging receipt of UPs within 10 workdays. If a final evaluation cannot be completed within 30 workdays, the offeror will be notified and given an estimated completion date either in the acknowledgment letter or by follow-up correspondence. UPs will be evaluated by appropriate personnel working in technical areas of effort similar to the UP.

8.2. The technical evaluator will:

8.2.1. Coordinate all correspondence with the appropriate government contracting officer prior to signature.

8.2.2. Provide a copy of the acceptance or rejection letter to the UP focal point.

8.3. The UP focal point will:

8.3.1. Provide the evaluation results to the offeror.

8.3.2. If the proposal offers an outstanding major advancement applicable to the Air Force mission but cannot be accepted for reasons such as insufficient funding, forward the proposal to the appropriate headquarters staff directorate for review.

8.3.3. Ensure disposition of all UPs are maintained on AFMC Form 189, **Record of Unsolicited Proposal**, in the UP focal points office.

8.4. A UP must meet FAR 15.603(c) validity requirements:

8.4.1. Be innovative and unique.

8.4.2. Independently originated.

8.4.3. Prepared without government supervision.

8.4.4. Benefit agency mission.

8.4.5. Not be an advance proposal for a known requirement that can be competed. If so, the proposal will be returned to the offeror (attachment 1).

8.5. It is mandatory that the UP be evaluated according to FAR 15.606-2(a) as offering:

8.5.1. Unique and innovative methods, approaches, or concepts.

8.5.2. Scientific, technical, socioeconomic merits.

8.5.3. A contribution to the agency's mission.

8.5.4. Capabilities, experience, facilities, techniques to achieve government established objectives.

8.5.5. Qualifications, capabilities, and experience of principal investigator, team leader, or key personnel to achieve UP objective.

8.5.6. The realism of the proposed cost.

8.6. UPs will be returned according to FAR 15.607(a) when its substance:

8.6.1. Is available to the government without restriction from another source.

8.6.2. Closely resembles a pending competitive acquisition requirement.

8.6.3. Does not demonstrate an innovative and unique method, approach or concept. However, a favorable comprehensive evaluation of a UP does not, in itself, justify awarding a contract without providing for full and open competition (attachment 1).

8.6.4. Does not relate to the activity's mission.

8.7. Except to create government-controlled records, the government will not reproduce, copy, photograph, reduce to drawings, or change the contents of any UP. If a proposal is accepted, the government will retain/dispose of copies in accordance with FAR 4.8. If a proposal is not accepted, the government will dispose of all copies in accordance with the offeror's instructions (See para 5 "Proprietary Information"). In the absence of such instructions, the government will retain the proposal for one year after evaluation and then will destroy all copies of the proposal.

9. Authority to Contract:

9.1. Only contracting officers have authority to negotiate and contractually bind the government.

9.2. Requests by the evaluators for further information or resubmission after rework shall be at the expense of the offeror and shall create no obligation to the government.

9.3. If a UP is accepted, a contract may be negotiated between the offeror and the appropriate AFMC activity.

9.4. If a proposal is not accepted, the government is not obligated in any way to reimburse the offeror for any cost it may have incurred in submitting the UP.

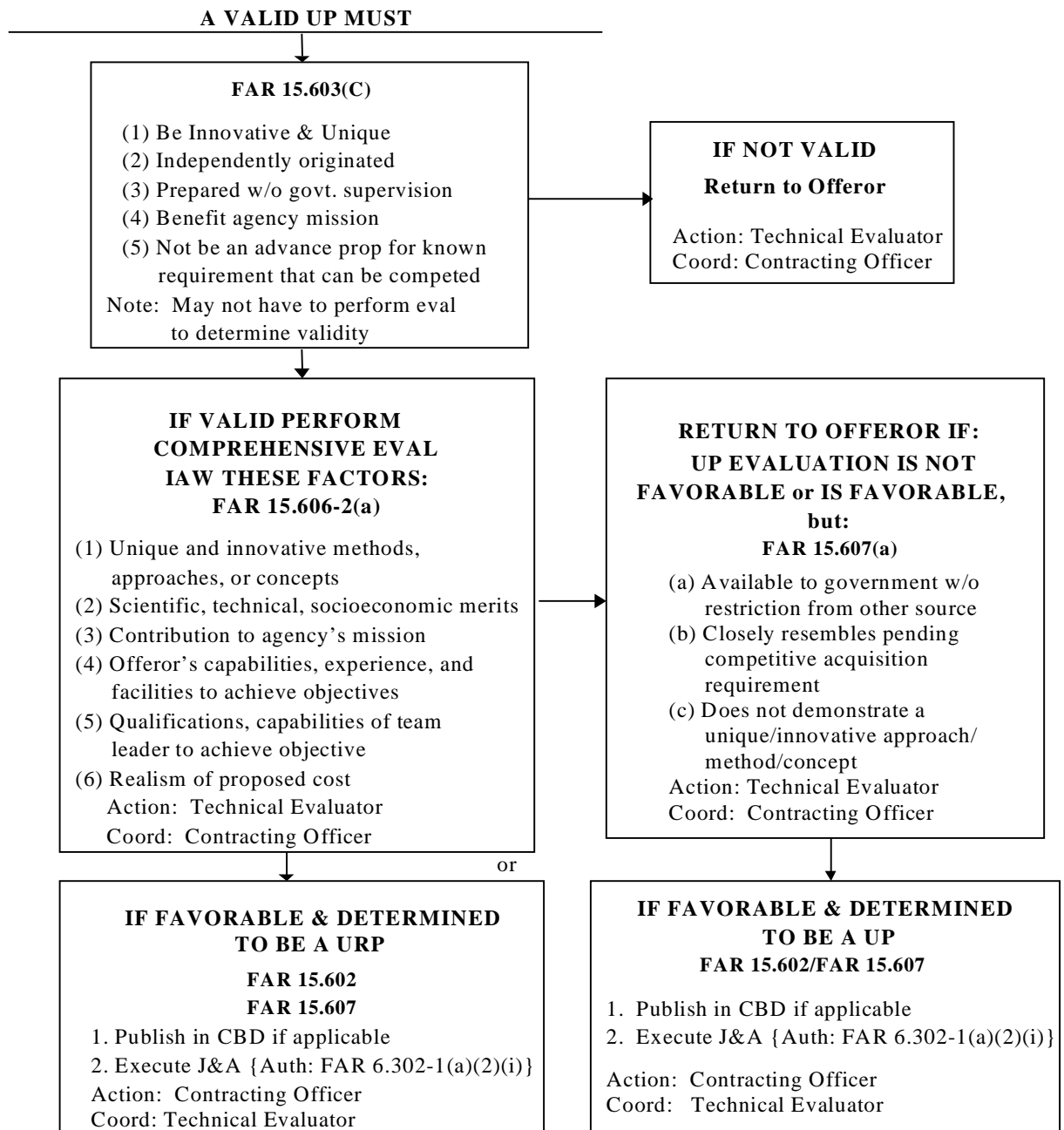
10. Where to Submit Proposals. To expedite evaluation, send proposals directly to the AFMC organization (UP focal point - attachment 2) that has mission responsibility for the subject matter of the proposal (attachment 2). Offerors are also encouraged to send their UP to only one AFMC organization to avoid processing delays.

11. Where to Obtain Copies of this Pamphlet . Interested parties may obtain copies of this pamphlet and AFMC Form 190 by contacting the cognizant AFMC Publication Distribution Office at the installations listed in attachment 2. The pamphlet is also available on the World Wide Web at <http://www.afmc-pub.wpafb.af.mil/HQ-AFMC/PK/pkp/pkpa/unsolpub.htm>

12. Prescribed Forms: AFMC Form 189 and AFMC Form 190.

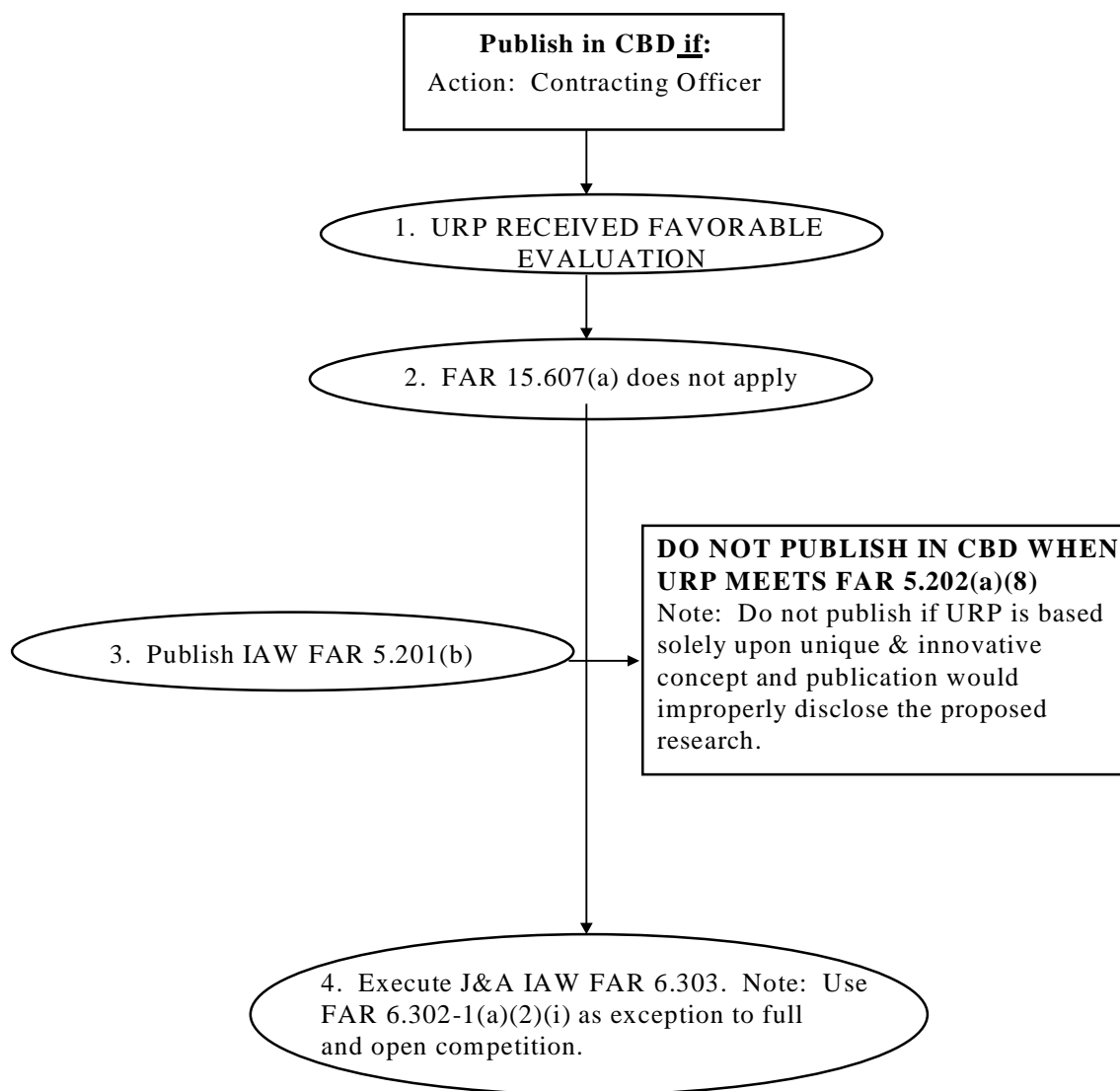
STANLEY A. SIEG, Brigadier General, USAF
Director of Contracting

Attachment 1 UP PROCESS FLOWCHART



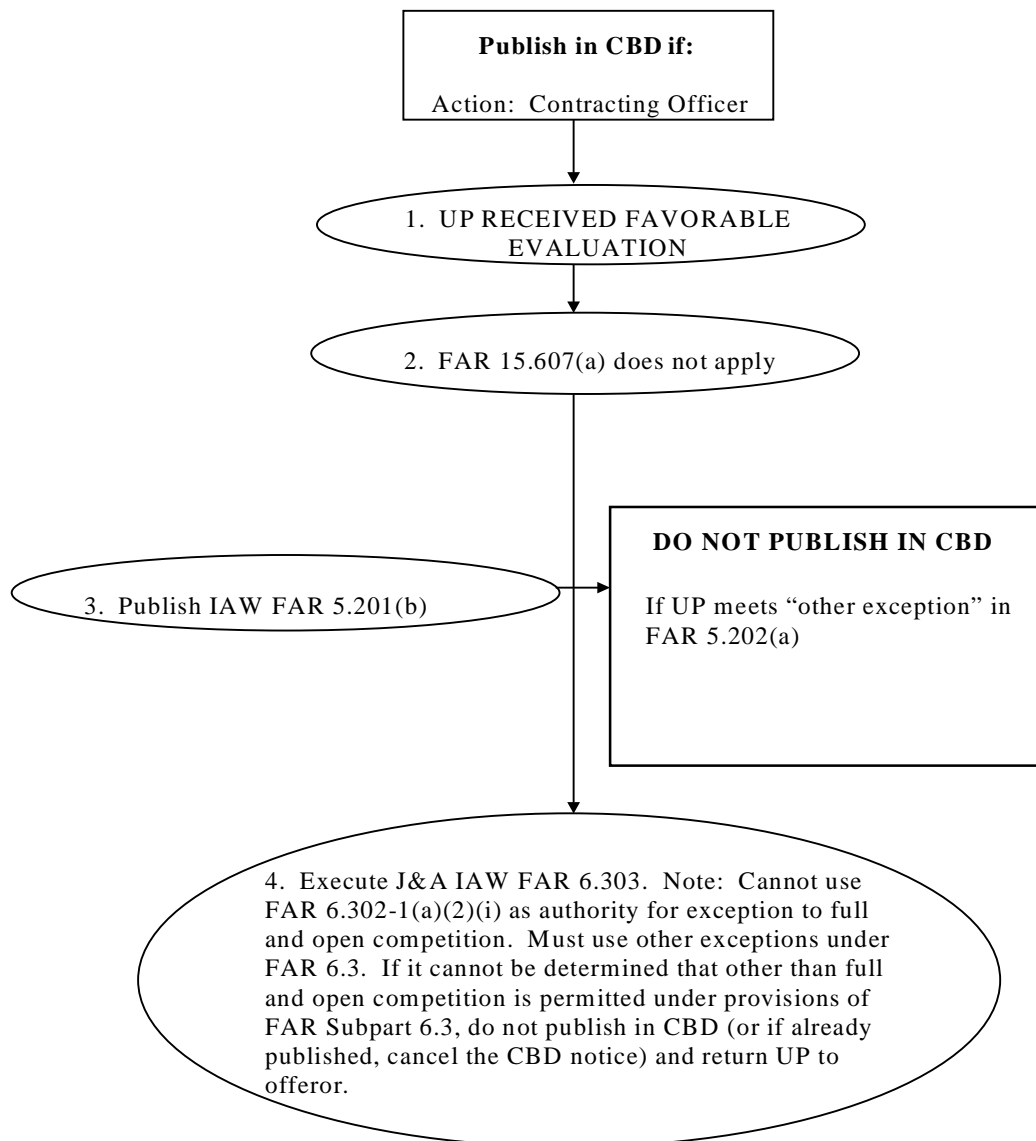
Attachment 1
UP PROCESS FLOWCHART (CONTINUED)

UNSOLICITED RESEARCH PROPOSAL FAVORABLE
FAR 15.607(b)(4)



Attachment 1
UP PROCESS FLOWCHART (CONTINUED)

UNSOLICITED PROPOSAL FAVORABLE
FAR 15.607 (b) (4)



Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS

1. AERONAUTICAL SYSTEMS CENTER (ASC)**Telephone: (937) 255-3164**

ASC (UP Focal Point)
ASC/XPI
1970 Monahan Way, B11A R101
Wright-Patterson AFB OH 45433-7532

ASC, the host unit at Wright-Patterson, is responsible for the research, development, test, evaluation, acquisition, and sustainment of aeronautical systems and related equipment for the Air Force. The Center's flagship programs are the F-22, the air superiority fighter of the future; the C-17, the next generation, all-weather, direct-delivery airlifter; and the B-2 bomber, a manned bomber for penetrating enemy air defense through low-observable or stealth technology. The Center has many very active programs across the spectrum of USAF fighters, bombers, reconnaissance, airlift and training systems. Other major programs include the F-16 Fighting Falcon; Unmanned Air Vehicles, such as the Predator and the Global Hawk; and upgrades to the F-15 Eagle, the C-5, and the C-130. The center also participates in managing the Joint Strike Fighter (JSF), a joint Air Force, Navy, Marine Corps, and British Royal Air Force effort to build the next generation strike aircraft incorporating new materials and stealth technologies. The Center has an outstanding air base wing, a magnificent medical center, and a unique human systems wing at Brooks AFB, Texas.

Attachment 5

FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

2. Air Force Research Lab (AFRL)**Telephone: (937) 904-9700**

AFRL/PK(UP Focal Point)
1864 4th Street, Suite 1
Wright-Patterson AFB OH 45433-7131

Leading the discovery, development, and integration of affordable warfighting technologies for our aerospace forces.

TECHNOLOGY DIRECTORATES**Air Vehicles Directorate (VA) Wright-Patterson AFB OH****Telephone: (937) 255-0437**

The Air Vehicles Directorate develops and transitions superior technology solutions that enable dominant military aerospace vehicles. Core technology areas include aeronautical sciences, control sciences, structures, and integration. The Directorate employs an integrated concept approach for the development of vehicle technologies to provide future capabilities in the areas of sustainment, unmanned air vehicles, and space access and future strike.

Directed Energy Directorate (DE) Kirtland AFB NM**Telephone: (505) 846-0860**

Develop, integrate and transition science and technology for directed energy to include high power microwaves, lasers, adaptive optics, imaging and effects to assure the preeminence of U.S. in air and space.

Human Effectiveness Directorate (HE) Wright-Patterson AFB OH**Telephone: (937) 255-2423**

The Human Effectiveness Directorate develops, integrates, and transitions science and technology products for training personnel, protecting and sustaining the crewmember, and improving human interfaces with weapon systems to assure the preeminence of U.S. Air and Space Forces.

Information Directorate (IF) Rome NY**Telephone: (315) 330-7701**

The advancement and application of Information Systems Science and Technology to meet Air Force unique requirements for Information Dominance and its transition to aerospace systems to meet Air Force needs.

Materials and Manufacturing Directorate (ML) Wright-Patterson AFB OH**Telephone: (937) 255-4726**

Plan and execute the USAF program for materials and manufacturing processes in the areas of basic research, exploratory development and advanced development. Provide systems support to our Air Force product centers, logistics centers and operating commands to solve system related problems and to transfer expertise in the areas of materials and manufacturing processes.

Munitions Directorate (MN) Eglin AFB FL**Telephone: (850) 882-3003**

Develop, integrate, and transition science and technology for air-launched munitions for defeating ground fixed, mobile/relocatable, air, and space targets to assure the pre-eminence of U.S. Air and Space Forces.

Propulsion Directorate (PR) Wright-Patterson AFB OH**Telephone: (937) 255-5334**

Propulsion concepts and technologies for airplanes and missiles, launch vehicles and spacecraft. New techniques to generate, condition, store, and distribute mechanical and electrical power. Thermal management concepts for both aircraft and satellites. Plasma physics.

Sensors Directorate (SN) Wright-Patterson AFB OH**Telephone: (937) 255-2620**

Develop technologies to collect, measure, and interpret important military information worldwide – and deny the enemy the same.

Space Vehicles Directorate (VS) Kirtland AFB NM**Telephone: (505) 846-6243**

Develop and transition high-payoff space technologies supporting the warfighter while leveraging commercial, civil, and other government space capabilities to ensure America's advantage.

Attachment 2**FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS. (CONTINUED)****2. Air Force Research Lab (AFRL) (continued)****Air Force Office of Scientific Research Arlington VA****Telephone: (703) 696-5903**

Manages the entire basic research investment of the U.S. Air Force. Plans, coordinates, and executes the Air Force Research Laboratory's (AFRL) basic research program in response to technical guidance from AFRL and requirements of the Air Force. Fosters, supports, and conducts research within Air Force, university, and industry laboratories. Ensures transition of research results to support USAF needs.

Aerospace and Materials Sciences Directorate:**Telephone: (703) 696-8569**

Plans, directs, and coordinates the Air Force in-house and extramural basic research programs in the fields of structural materials, solid mechanics, structures, fluid mechanics, and propulsion to ensure maximum value in maintaining a superior technological and operational capability for the Air Force. Works with other Air Force organizations, including other AFRL elements; sponsors scientific research of greatest potential contribution to Air Force needs and scientific opportunities; supports research efforts that show the greatest potential contribution to the Air Force organizations concerning scientific advances and their exploitation in the development of aerospace systems and operations. Works closely with the scientific community to encourage participation in scientific research programs of Air Force interest. Coordinates with DoD, other government agencies and the aerospace industry to enhance relevance and technological transition.

Physics and Electronics Directorate:**Telephone: (703) 696-8569**

Plans, directs, and coordinates the Air Force in-house and extramural basic research programs in the fields of physics and militarily unique electronic sciences to ensure maximum value in maintaining a superior technological and operational capability for the Air Force. Works with other Air Force organizations, including other AFRL elements; sponsors scientific research of greatest potential contribution to Air Force needs and scientific opportunities; supports research efforts that show the greatest potential contribution to the Air Force organizations concerning scientific advances and their exploitation in the development of physics and electronic sciences. Works closely with the scientific community to encourage participation in scientific research programs of Air Force interest. Coordinates with DoD, other government agencies and the aerospace industry to enhance relevance and technological transition.

Chemistry and Life Sciences Directorate:**Telephone: (703) 696-7552**

Plans, directs, and coordinates the Air Force in-house and extramural basic research programs in the fields of chemistry, biology and human performance to ensure maximum value in maintaining a superior technological and operational capability for the Air Force. Works with other Air Force organizations, including other AFRL elements; sponsors scientific research of greatest potential contribution to Air Force needs and scientific opportunities; supports research efforts that show the greatest potential contribution to the Air Force organizations concerning scientific advances and their exploitation in the development of aerospace systems and operations. Works closely with the scientific community to encourage participation in research programs of Air Force interest. Coordinates with DoD, other government agencies and the aerospace industry to enhance relevance and technological transition.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

2. Air Force Research Lab (AFRL) (continued)
Air Force Office of Scientific Research Arlington VA (continued)

External Programs and Resources Interface`

Telephone: (703) 696-7300

Plans, directs, and coordinates in-house, basic research programs in support of AFRL's research mission. Manages AFRL programs that assign leading U.S. and foreign postdoctoral and senior scientists to key research projects within AFRL. Provides Air Force laboratory scientists and engineers with the opportunity to perform research in foreign laboratories. Responsible for programs that support fellowships leading to advanced degrees in science and engineering. Centrally coordinates and manages budget for externally-funded programs that require execution in several AFOSR technical directorates. Supports basic research at non-AFRL organizations Such as USAFA and AFIT. Manages programs for DDR&E including the requisite coordination, planning, and liaison with other Services and agencies. Facilitates participation by small business in defense research through the Small Business Innovation Research Program and the Small Business Technology Transfer Program. Plans and manages information programs and products to inform military decision-makers, university, industry, other government agencies and technology managers about Air Force basic research accomplishments. Designs AFOSR exhibits and displays. Maintains AFOSR history records.

Mathematics and Space Sciences Directorate

Telephone: (703) 696-7797

Plans, directs, and coordinates the Air Force in-house and extramural basic research programs in the fields of space and mathematical and computer sciences to ensure maximum value in maintaining a superior technological and operational capability for the Air Force. Works with other Air Force organizations, including other AFRL elements; sponsors scientific research of greatest potential contribution to Air Force needs and scientific opportunities; supports research efforts that show the greatest potential contribution to the Air Force organizations concerning scientific advances and their exploitation in the development of aerospace systems and operations. Works closely with the scientific community to encourage participation in research programs of Air Force interest. Coordinates with DoD, other government agencies and the aerospace industry to enhance relevance and technological transition.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

3. AIR FORCE FLIGHT TEST CENTER (AFFTC)**Telephone: (661) 277-4436**

AFFTC/CD (UP Focal Point)
1 South Rosamond Blvd
Edwards AFB CA 93524-1031

The home of the AFFTC is 301,000 acres on the western edge of the Mojave Desert. Here, at Edwards AFB, California, the Air Force has tested all the aircraft in its inventory and is currently testing the B-2, F-22, and C-17.

The AFFTC supports the AFMC conducting and reporting on development test and evaluation for Air Force units, the Department of Defense, NASA, and other government agencies. The center develops, operates, and maintains the Edwards Flight Test Range and Utah Test and Training Range. It also operates the United States Air Force Test Pilot School.

At Edwards, the nation's first jet- and rocket-powered aircraft completed their first flights. It is also where men and aircraft first exceeded Mach 1 – 6 and first flew above 100,000, 200,000 and 300,000 feet.

Edwards is the site of lifting body research flights, critical to the design and development of the space shuttle. The space shuttle's approach and landing tests were conducted in 1977. The first shuttle landings from space began in April 1981. The B-2 bomber made its maiden flight at Edwards in 1989, the F-22 in 1990, and the C-17 in 1991.

- **Mission Resources** – To fulfill its mission, AFFTC resources include the test and evaluation mission simulator, the Benefield Anechoic Chamber, Ridley Mission Control, and the integration facility for avionics systems testing. Civilians, contractors, and military people work together to flight test and evaluate new aircraft and upgrades to aircraft already in inventory.

Among these tests are improvements to radar weapons delivery and navigation systems and a system to give tactical pilots the ability to strike ground targets from low altitudes at night and in adverse weather.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

4. AIR ARMAMENT CENTER (AAC)**Telephone: (850) 882-2841 (X5313)**

AAC/PKC
205 West D Avenue, Suite 433
Eglin AFB FL 32542-6864

The AAC develops, acquires, tests and evaluates munitions, electronic combat systems, and navigation/guidance systems. Home to a dozen airfields, the center includes the Armament Product Directorate and two wings: the 46th Test Wing and the 96th Air Base Wing.

- Armament Product Directorate (APD) – From system development and production, through their life cycle and ultimate disposition, the APD is responsible for acquisition and sustainment of the world's most superior air armament products.

The APD provides direction and management for a wide range of air armaments including: air-to-air, direct attack, area attack, and air-to-surface weaponry. Specific technologies being developed include: advanced seekers, missile airframes, guidance and control components, explosives, warheads and fuzes.

- The 46th Test Wing – The 46th TW manages the center's overall test and evaluation program. It has extensive ground facilities and about 36 aircraft of various types. The wing manages all the large land test ranges throughout the 724 square-mile Eglin complex, as well as 86,500 square miles of water ranges in the adjacent Gulf of Mexico.

Major tests on or above the center's ranges involve all types of equipment, including aircraft systems and sub-systems, missiles, guns, bombs, rockets, targets and drones, high-powered radar, and airborne electronic countermeasures equipment. These systems are tested in a variety of environments and simulated combat conditions. One of the wing's unique assets is the McKinley Climatic Laboratory. The laboratory can test military hardware as large as bombers in environments ranging from minus 65 to plus 165 degrees Fahrenheit and with 100-mph winds, icing, clouds, rain, and snow.

The wing's 46th Test Group is at Holloman AFB, New Mexico. Among the group's unique facilities are a 10-mile, high speed test track; two radar target scatter measuring facilities; and the Defense Department's Central Inertial Guidance Test Facility.

- The 96th ABW and 377th ABW - These Air Base Wings provide major support services to Eglin AFB and Kirkland AFB, respectively. These services include medical, civil engineering, personnel, logistics, communications, computer, and security.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

5. AIR FORCE SECURITY ASSISTANCE CENTER (AFSAC) Telephone: (937) 257-2552

AFSAC/CCE (UP Focal Point)
1822 Van Patton Drive
Wright-Patterson AFB OH 45433-5337

AFSAC administers international agreements that provide defense articles and services for, and facilitates armaments cooperation with, friendly foreign forces in furtherance of U.S. national security.

- Implements and manages Air Force security assistance programs and international affairs programs assigned to Air Force Material Command.
- Integrates foreign customers' security assistance and international cooperative programs and influences Department of Defense acquisition and sustainment processes in support of international affairs responsibilities.
- Provides innovative logistics solutions, ensuring effective use of foreign customers' financial resources.
- Staffs HQ AFMC international issues.
- Manages international agreements that provide security assistance to more than 80 international customers. Agreements support a wide range of customer aerospace systems including mature/proven aircraft (for example; C-47, T-33, T-37, F-4, F-5, F-111) and current technology aircraft (F-15, F-16, 767 AWACS).

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

6. AIR FORCE METROLOGY & CALIBRATION**Telephone: (740)788-5040**

AFMETCAL
Det 1/MLK - Contracting
813 Irving-Wick Drive, Bldg 2
Heath OH 43056-6116

The Air Force Metrology and Calibration (AFMETCAL) Detachment is the single Air Force Primary Standards Laboratory (AFPSL) for the Air Force. Their mission is to develop and sustain precision measurement capabilities ensuring accurate, reliable and safe air and space systems performance through effective management of the Air Force Metrology Program.

- Technical Direction -- The center establishes, maintains, and performs overall technical direction and management of the Air Force Metrology and Calibration Program.

It operates the Air Force Measurement Standards Laboratory. It provides technical and procedural direction for operation of a single, integrated measurement system and the design and periodic calibration and certification of measurement standards used in all precision measurement equipment laboratories.

- The AFMETCAL develops and implements policies and procedures that integrate the elements of Metrology technology, engineering, and calibration services to produce:

- Requirement Validation
- Laboratory Certification
- Metrology Consultation
- Metrology R&D
- Centralized Acquisition
- Calibration Procedures
- Calibration Services

Specialized Measurements Traceability of air and space systems performance requirements to national/international measurement standards distinguishes the AFMETCAL's execution of its core competencies.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

7. AEROSPACE MAINTENANCE AND REGENERATION CENTER (AMARC)

Telephone:(602) 750-4001

AMARC/TIW (UP Focal Point)
4855 South Wickenburg Avenue
Davis-Monthan AFB AZ 85707-4334

AMARC stores preserved aircraft indefinitely with a minimum of deterioration and corrosion because of the meager rainfall, low humidity, and alkaline soil in Tucson, Arizona. It presently stores more than 3,200 aircraft from the Air Force, Army, Coast Guard, Marine Corps, and Navy.

In addition, it stores production tooling for aircraft such as the B-1B, A-10, F-84, and F-111 as well as pylons, pylon load adapters, engines, and rotary launchers. AMARC stores Titan missiles at its detachment at Norton AFB, California.

But the center is more than a storage facility. Almost half the aircraft received are prepared for flight or ground shipment to support the military services, government agencies, or foreign governments.

When production of older aircraft ceases, AMARC is sometimes the sole source for parts. Priority and routine reclamation projects have become a major part of AMARC's workload.

AMARC has regenerated the F-102, F-100, and F-106 aircraft for use as target drones. The F4 will be the next aircraft regenerated for the drone program.

International Impact - One of AMARC's highly visible projects is its involvement in the treaties between the United States and the former Soviet Union. AMARC was selected as the elimination site for the ground-launched cruise missiles under the provisions of the Intermediate-Range Nuclear Forces Treaty. The Soviets were at AMARC eleven times to witness the elimination process. AMARC has now been designated to accomplish the much greater task of eliminating about 350 B-52 aircraft over a 7-year period to comply with the Strategic Arms Reduction Treaty.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

8. ARNOLD ENGINEERING DEVELOPMENT CENTER (AEDC)**Telephone: (931) 454-5868**

AEDC/DOT (UP Focal Point)
1099 Avenue C
Arnold AFB TN 37389-9011

The AEDC has the most advanced and largest complex of flight simulation test facilities in the world. It has more than 50 aerodynamic and propulsion wind tunnels, rocket and turbine engine test cells, space environmental chambers, arc heaters, ballistic ranges, and other specialized units.

The center tests aircraft, missile and space systems, and subsystems at the flight conditions they will experience during a mission. It conducts a research and technology program to develop advanced testing techniques and instrumentation and to support the design of new test facilities. The center also maintains and modernizes the existing test facilities. The center frequently uses models of weapons systems in its testing, many of which are created at the center. Its customers include the Federal Aviation Administration (FAA), NASA, private industry, academic institutions, and other United States government and allied foreign agencies.

- National Resource -- Its engineers have contributed to development of many of the nation's top priority aerospace programs, such as the space shuttle, the Advanced Tactical Fighter (ATF), B-1, B-2, C17, F-15, F-16, F-18, F-117A, and the X-29. They have worked on the Navstar Global Positioning System, the Trident Missile, the Air Launched Cruise Missile, the National Aerospace Plane, the Strategic Defense Initiative, and the Advanced Medium Range Air-to-Air Missile.

Of the center's test units, 27 have capabilities unmatched anywhere in the world. They can simulate flight conditions from sea level to outer space and from subsonic velocities to well over Mach 20. Four high-vacuum space chambers simulate space conditions from 200 to 1,000 miles high. The longest test was 45 days.

The center has the only facility in the nation built specifically to test solid-propellant rocket motors at simulated flight altitude conditions. Titan, Minuteman, and Peacekeeper missiles have been tested at the center. The motors test fired in the center's altitude cells include the 300,000 pound thrust unit of the Peacekeeper's second stage. Jet engines tested in the Engine Test Facility include a 450,000-pound thrust turbofan engine used in the largest jet transports. It was tested at speeds up to 600 mph and at simulated altitudes from 10,000 to 42,000 feet. Air-breathing engines can be tested up to Mach 3.8 and at altitudes up to 100,000 feet.

- Facility Technology -- The center conducts an applied technology program for testing facilities. It develops long-range testing requirements, conducts facility concept studies, and conducts technology projects supporting facility planning efforts. The program focuses on many areas such as hypersonic, turbine engine testing, and space testing. The program's results translate into specifications for new or improved test instrumentation, testing procedures, or computational tools.

Attachment 2

FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

9. ELECTRONIC SYSTEMS CENTER (ESC)

Telephone: (781) 377-2901 (Primary)
(781) 377-9381 (Alternate)

ESC/PKXC
104 Barksdale Street
Hanscom AFB, MA 01731-1801

ESC's Mission: "Delivery Information Dominance for Aerospace Operations"

ESC's mission is to serve as the Center of Excellence for command and control and information systems to support the warfighter in war and peace. ESC will provide full spectrum architectures, weapon systems management and technical cognizance throughout the life cycle of communications, intelligence, surveillance, reconnaissance, and information systems for the Air Force and Department of Defense components.

The Center includes offsite organizations: *Standard Systems Group* at Maxwell AFB, Alabama; *Materiel Systems Group* at Wright Patterson AFB, Ohio; and the *38th Engineering Installation Group* at Tinker AFB, Oklahoma. The mission of these organizations is described below.

Standard Systems Group (SSG/PKX)
UP Focal Point:
Telephone: 334-416-2538
490 East Moore Drive, Suite 270
Bldg 892
Maxwell AFB-Gunter Annex, AL 36114-3000

SSG's mission is to develop and maintain combat support information systems for the Air Force and Department of Defense components. SSG manages information technology contracts and standard information system programs commonly used at all active and reserve Air Force bases and DoD agencies worldwide.

Materiel Systems Group (MSG/PK)
UP Focal Point:
Telephone: 937-257-4053
Bldg 262, Room C022
4375 Chidlaw Road
Wright Patterson AFB, OH 45433-5006

MSG supports the United States Air Force goals for information dominance through acquiring, developing, maintaining, reengineering and providing technical services for information systems. MSG is committed to delivering its customer high quality services at a realistic cost.

38th Engineering Installation Group (38 EIG/CB)
UP Focal Point:
Telephone: 405-734-7539
4064 Hilltop Road
Suite 247
Tinker AFB, OK 73145-2713

The 38th EIG provides a variety of command and control and information systems services including infrastructure planning, engineering, program management, contracting, and specialized testing and analysis for electromagnetic compatibility and electromagnetic pulse protection. The 38th EIG is the only group in the Air Force that plans, engineers, installs, removes, and relocates communications and information systems worldwide. Through a rapid response force, the group also provides integrated communications-computer systems and services during war and peacetime for the Air Force and specified DoD agencies anytime, anywhere, under any conditions. The group also provides training and advisory services to 19 Air National Guard engineering and installations units in 16 states that directly support the group's worldwide mission.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

10. OKLAHOMA CITY AIR LOGISTICS CENTER (OC-ALC) Telephone: (405) 739-3882

OC-ALC/PKXA (UP Focal Point)
Bldg 3001 Staff Drive, Suite 2AJ84A
Tinker AFB OK 73145-3015

The OC-ALC provides worldwide logistics support for a variety of weapon systems, including the B-2, B-1B, B-52, E-3, E-4, multipurpose 135-series aircraft, the Short Range Attack Missile, and the Air Launched Cruise Missile. Also, the center is responsible for a large family of aircraft engines.

The center is the exclusive Air Force Technology Repair Center for hydraulic/pneudraulic transmissions, air-driven accessories, oxygen components, engine and automatic flight control instruments, and B-1B avionics.

The center manages the Maintenance Analysis and Structural Integrity Information System, including recording systems for C-5 analysis.

The center's Contractor Logistics Support Division supports the Air Force One Presidential aircraft, the E-4B Airborne Command Post, and special air mission aircraft. These systems played an important role during Desert Storm and play a vital role in transporting high-ranking government officials worldwide.

Attachment 2

FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

11. OGDEN AIR LOGISTICS CENTER (OO-ALC)

Telephone: (801) 777-5472

**OO-ALC/PKXR (UP Focal Point)
Bldg 1289 (U) 6038 Aspen Ave
Hill AFB UT 84056-5805**

The Ogden Air Logistics Center provides worldwide logistics support for the entire Air Force inventory of intercontinental ballistic missiles (ICBM), as well as the F-4 and F-16 aircraft. In addition, Hill manages the Maverick air-to-ground missile, the GBU-15 and laser-guided bombs (Paveway I, II, III and Enhanced), the Emergency Rocket Communications Systems, and tanks/pylons for the entire USAF aircraft inventory. The Peacekeeper is its latest assignment.

Worldwide Manager -- Ogden is the logistics manager for all air munitions, solid propellants, and explosive devices used throughout the Air Force, US Navy, and Foreign Military Sales. All varieties of munitions, propellants, and explosive components (except nuclear) are tested at a range 48 miles west of the base.

The center is the Air Force Material Command (AFMC) System Support Manager to the Training Systems Product Group (TSPG) for a myriad of training systems and subsystems. The TSPG is the Air Force worldwide manager for research and development, acquisition and sustainment of training systems and support ranging from simple training devices to complex multimillion dollars flight simulation and mission rehearsal systems.

Ogden also has a large international responsibility--maintaining more than 2,500 F-4 and F-16 aircraft for 21 countries, including support of new sales as well as long-term logistics support.

Worldwide, the center manages all Air Force aircraft landing gear, including wheels, brakes, struts, tires, tubes, photonics, power conditioning, gas turbine engine, and secondary power systems.

The center provides worldwide logistics support for the A/OA-10 aircraft. It also provides worldwide support for the F-5, T-37/T-38 aircraft as well as 30 other mature and proven aircraft in support of approximately 65 allied nations and other government agencies such as the ATF, DEA, State Department, INS, Army and Navy, to name just a few.

A Transition Office was established at this center to handle the workload transition from Sacramento ALC and Kelly AFB. This office was established to negotiate, implement, and administer a public/private contract of Commodities, A-10 and KC-135 workloads from Sacramento ALC and Kelly AFB.

The center serves as the AFMC Management Office for assigned Space and Communications, Command, Control and Intelligence (C3I) Programs. Programs assigned are Telecommunications, Tactical Shelters, Range Threats, Atmospheric Early Warning System, Ground Base Sensors, Weather, Ground Theater Air Control Systems, Mission Planning, Defense Support Program, Missile Warning & Space Surveillance Sensors, Air Force Satellite Control Network, Military Satellite Communications, Defense Meteorological Satellite Program, Global Positioning System, Global Broadcasting System and Cheyenne Mountain Complex.

Support Center Pacific -- The center's Support Center Pacific, Detachment 35, OO-ALC, is at Kadena Air Base, Japan. On the island of Okinawa, it provides depot-level maintenance and overhaul on critical aircraft system components and on-site aircraft structural engineering support for the entire Pacific Theater.

The detachment's mission is to perform maintenance exceeding intermediate-level capability with the flexibility to respond to emergency repair situations. It is a forward supply point for pre-positioned stock and is an alternative to shipping all needed supply support items from the United States. It can transport supplies or repaired parts to any point in the theater in just a few hours.

Its 120 members work in the two production units, a logistics unit, and a Pacific Parts Store unit.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

12. SPACE AND MISSILE SYSTEMS CENTER (SMC)**Telephone: (310) 363-6871**

SMC/AXC (UP Focal Point)
180 Skynet Way, Ste 2234
Los Angeles AFB, El Segundo CA 90245-4687

The SMC designs and acquires space systems. For satellites, it oversees the launch, completes on-orbit checkouts, and then turns them over to Air Force Space Command, NASA and other federal agencies.

Its headquarters is at Los Angeles AFB, California. It has operating sites throughout the country. These include the operating location detachment at NASA's Johnson Spaceflight Center, Houston, Texas; the Test & Evaluation Directorate and the Airborne Laser Planning Directorate, both located at Kirtland AFB, New Mexico.

Major Space Programs

The center supports nine major space programs:

- | | |
|---|--|
| - Navstar Global Positioning System | - Titan IV Launch Vehicle |
| - Defense Satellite Communications System | - Defense Meteorological Satellite Program |
| - Milstar Satellite | - Space-Based Infrared Systems |
| - Defense Support Program | - Evolved Expendable Launch Vehicles |
| | - Airborne Laser |

SMC also works closely with the Air Force Space Command, Peterson AFB, Colorado, the prime user of military space systems.

Satellite Operations -- The center maintains communications and data handling operations with the Air Force Satellite Control Network at Space Command's Falcon AFB, Colorado. Launch programs supported and managed by the center include rocket booster's such as Atlas II, Titan II, and Titan IV, and military missions on the space shuttle.

It also assists the Space Command in satellite tracking, data acquisition, and command and control.

Attachment 2
FOCAL POINTS FOR AFMC UNSOLICITED PROPOSALS (CONTINUED)

13. WARNER ROBINS AIR LOGISTICS CENTER (WR-ALC) Telephone: (912) 926-5020

WR-ALC/PKXA (UP Focal Point)
215 Byron Street
Robins AFB GA 31098-1611

The Warner Robins Air Logistics Center has worldwide management and engineering responsibility for the repair, modification and overhaul of the F-15 Eagle, C-130 Hercules and C-141 Starlifter aircraft. In addition to these weapon systems, the ALC has worldwide management responsibility for the U-2 Dragon Lady, all Air Force helicopters, all special operations aircraft and their peculiar avionics systems. The center also provides logistic support for all the C-17 Globemaster III, Air Force missiles, vehicles, general purpose computers, and many avionics and electronic warfare systems used on most Air Force aircraft.

In January 1996 Robins became the main U.S. operating base for the E-8 Joint Surveillance Target Attack Radar System aircraft, which gained national acclaim for its performance during the Persian Gulf War. In April 1996, the Georgia Air National Guard 116th Fighter Wing was relocated to Robins as the 116th Bomb Wing as it transitioned to flying the B-1B bomber.